

CLAIM AMENDMENTS

IN THE CLAIMS

This listing of the claims will replace all prior versions, and listing, of claims in the application or previous response to office action:

1. (Previously Presented) A bag system comprising:
 - a collection machine including a peristaltic pump;
 - a collection device operable to collect a biological fluid;
 - a solution bag containing an anticoagulant and/or preservation solution;
 - a collection bag operable to receive the biological fluid collected and the anticoagulant and/or preservation solution;
 - a first flexible tube providing fluid communication between the collection device and the collection bag;
 - a second flexible tube providing fluid communication between the solution bag and the collection bag; and
 - an association device comprising a five-way junction, the five-way junction having a Y junction and an I junction and connecting at least the first and second flexible tubes, the association device forming a loop with the second flexible tube between the I junction and the Y junction;
 - wherein the loop has a conformation operable to allow its disposition around a head of the peristaltic pump; and
 - wherein the system has a closed circuit.
- 2-3. (Cancelled).
4. (Original) The system of Claim 1, further comprising the association device molded from a sterilizable plastics material.

5-10. (Cancelled).

11. (Original) The system of Claim 1, further comprising a circuit opener disposed near an upstream end of the second tube.

12. (**Currently Amended**) The system of Claim 1, further comprising the length of the first tube between the connector **Y junction** and an inlet orifice of the collection bag greater than 15 cm.

13. (Original) The system of Claim 1, further comprising a part of the second tube forming the loop having a hardness less than that of the first tube.

14. (Original) The system of Claim 1, further comprising a subsystem including:
at least one satellite bag;
at least one filter; and
a third tube providing fluid communication between the satellite bag and the collection bag.

15. (Original) The system of Claim 1, further comprising a subsystem operable to allow sampling of the biological fluid disposed on the first tube upstream of the connector.

16-20. (Canceled).

21-33. (Cancelled)